AEE/T.DSD/SBR/153/15-16
D. 30.03.2016

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. 1st & FINAL BILL — Date : .....

Division DD — Sub-Division

Bill Received No. ..... Dated ..... — Cash Book Voucher No. ..... Dated : .....

Scheduled Doctet No. ..... — Head of Account .....

Name of work (as per sanctioned estimate) IMPROVEMENTS & ASPHALTING TO MODEL COLONY MAIN ROAD & CROSS ROAD IN DASARAHALLI WARD NO. 15

Name of Contractor and Full Address SRI. R MANGALARAJU

Reference to Agreement No. EE/DD/WP/ 72 / 14-15 Date: 25.06.2014

Certified that the measurements were taken by me on 30/3/16 and recorded in pages 33654 to 33684 of measurements Book No. 33+/8.09 and that the work is satisfactorily executed.

Contractor — Officer - in - charge of work

Certified that the measurements were checked by me on 30/3/16. and found correct. The work is satisfactorily executed.
Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub - Division Officer

If Memorandum of Payment **JOB NO : 015-14-000008**

			AMOUNT
1.	Total value of work done or supplies made as per account.	--	
2.	Deduct amount to be held in reserve being ..... percent Rs.	--	
3.	- do - Balance	--	
4.	Deduct Payments :		
	a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No.		
	Amount adjusted towards cash advance recovery of		
	b) Payments cost store or other materials supplied.		
5.	Balance being unpaid value of work done held in reserve	Total --	
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments		
7.	Net amount due to or from contractor		
	Unadjusted items		
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.		
		Total amount adjusted --	

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ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

Contractor Signature

Received Rs. ..... (in words)
.....
..... by cash and by adjustment of
Payment as per memorandum.
(In final settlement of all demand)

(For use in the Office)

Witness :
1.
2.

Stamp

Date — Signature of Contractor

Paid by me by cheque No..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

Executive Engineer

	Items of work (grouped under sub-heads the sub works of the estimate)
1	Excavation for road, drains and similar works - KSRRB 300-2. Earthwork excavation by manual means in hard soil involvi average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dresse disposed earth to be leveled neatly after breaking of clods complete as per specifications.
2	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as pe specifications.
3	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam Specifications including premix the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired densi complete as per Specifications.
4	Providing, laying and rolling with vibratory roller of built-up spray grout layer over prepared base consisting of a two layer composite construction of compacted crushed coarse aggregates using motor grader for aggregates. Key stone chips spr may be used with application of bituminous binder after each layer, and with key aggregates placed on top of the second l to serve as a base confirming to the line, grades and cross-section specified, the compacted layer thickness being 75mm Complete as per specifications.
5	Providing and applying tack coat on the prepared black topped surfaces at 5kg per 10 sqm, heating bitumen in boiler fitted spray set (Excluding cleaning of road surface) including cost of all Materials, labour, HOM of machineries complete as per specifications.
6	Providing and laying semi dense bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing an avera output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the requir grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction a MORTH Specification clause No. 500.8 complete in all respects as per specifications. With 80/100 grade bitumen using 4 HMP using Mechanical paver complete as per specifications.
7	Carriage of Mixed Materials complete as per specifications.
8	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providi and lying of hot applied Thermoplastic Compound 2.5mm thick including Reflectrising Glass Beads at 250 gms per Sqm a thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform a free from streaks and holes complete as per specifications.
9	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading complete as per specifications.
	GRAND TOTAL

CERTIFICATE:

1 Work done is satisfactory

2 There are no departmental issuesmade to the contractor

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ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
		Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
g an , the	Cum			500.05	90.72	45365.00	500.05	45365.00	
r	Sqm			3752.50	2.59	9719.00	3752.50	9719.00	
ing with y	Cum			19.48	1121.04	21838.00	19.48	21838.00	
eader yer	Sqm			543.40	268.92	146131.00	543.40	146131.00	
with	Sqm			3752.50	21.71	81467.00	3752.50	81467.00	
e of d per 60	Cum			154.90	9794.52	1517171.00	154.90	1517171.00	
	Cum			154.90	52.11	8072.00	154.90	8072.00	
ea, d	Sqm			143.60	471.96	67773.00	143.60	67773.00	
ead rth	Cum			500.05	78.00	39004.00	500.05	39004.00	
						1936540.00		**1936540.00**	